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## General Health Status

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**Definition:** Fair or Poor Health Status is defined as respondents who report having fair or poor health from possible response choices of “excellent”, “very good”, “good”, “fair”, or “poor”.

### Prevalence of Fair or Poor Health Status

- South Dakota 13.0%
- All participants nationwide 16.2%

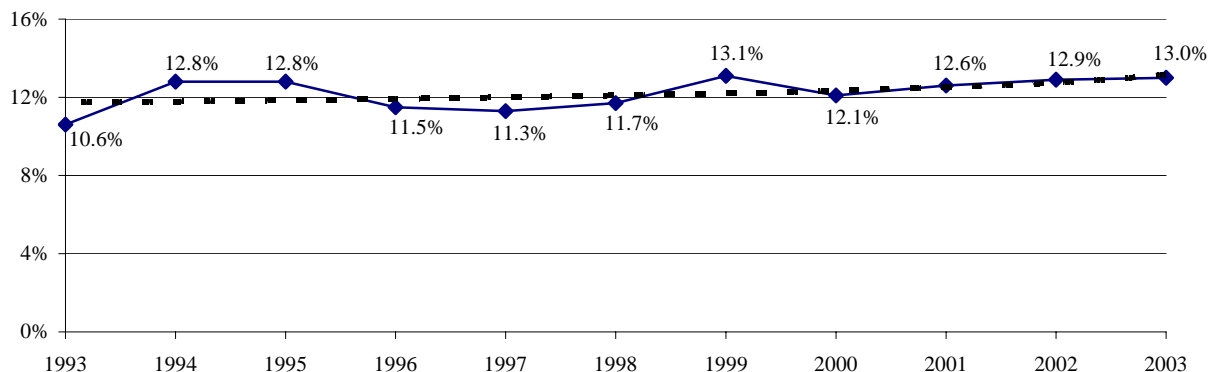
### Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for fair or poor health status.

### Trend Analysis

The percentage of respondents reporting fair or poor health status has increased slightly overall since the question was first asked in 1993.

**Figure 1**  
**Percent of Respondents Reporting Fair or Poor Health Status, 1993-2003**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2003

### Demographics

**Gender** There were no appreciable differences between men and women overall or for any demographic group between the two.

**Age** Fair or poor health status increases with age as shown by a considerable increase with the 55 and older population. This same increase holds true for both males and females.

**Race** American Indians report a significantly higher prevalence of fair or poor health status than do whites. This racial difference is illustrated in females, but males do not show this same difference.

**Region** There were no significant differences shown for the specified regions of the state.

**Household Income** Fair or poor health status increases as household income decreases. The most notable increase occurred when the household income fell below \$25,000.

**Education** There is a worsening of general health status as the years of education decrease. A significant difference was shown among each of the four groups of education. The difference was most pronounced between those with less than a high school education and those with a high school education. Women show a sizeable decrease in fair or poor health status as they move from some post-high school to college graduates, whereas males do not show a major difference between those education levels.

**Employment Status** Those who are employed for wages and self-employed show a significantly lower percentage with fair or poor health, than those who are retired or unable to work. Also, those who are employed for wages show a significantly lower percentage with fair or poor health than those who are unemployed.

**Marital Status** Those who are divorced or separated have a much higher percentage with fair or poor health than those who are married. Females who have never been married have a considerably lower percentage with fair or poor health than women who are married, while males do not show any difference between those two groups.

**Table 4**  
**Respondents Who Reported Fair or Poor Health Status, 2003**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Total</b>	<b>5,252</b>	<b>13.0</b>	<b>(12.0-14.1)</b>	<b>2,196</b>	<b>12.3</b>	<b>(10.9-13.9)</b>	<b>3,056</b>	<b>13.7</b>	<b>(12.4-15.1)</b>
<b>Age</b>									
18-24	359	5.1	(3.0-8.6)	170	3.7	(1.6-8.6)	189	6.6	(3.4-12.5)
25-34	659	5.8	(3.9-8.4)	272	5.3	(2.7-10.0)	387	6.2	(4.0-9.6)
35-44	984	8.8	(7.1-10.9)	435	7.7	(5.4-10.9)	549	9.9	(7.5-13.0)
45-54	1,024	10.0	(8.1-12.2)	468	10.0	(7.4-13.4)	556	9.9	(7.3-13.3)
55-64	799	17.5	(14.8-20.7)	335	18.0	(13.9-22.9)	464	17.1	(13.6-21.2)
65-74	687	23.6	(20.2-27.3)	272	25.1	(19.9-31.1)	415	22.2	(18.0-27.1)
75+	705	33.4	(29.7-37.3)	234	36.7	(30.3-43.7)	471	31.4	(27.0-36.1)
<b>Race</b>									
White	4,792	12.5	(11.5-13.5)	2,019	12.1	(10.6-13.7)	2,773	12.9	(11.5-14.3)
American Indian	281	19.0	(14.3-24.7)	103	15.9	(9.1-26.4)	178	21.3	(15.5-28.5)
<b>Region</b>									
Southeast	1,290	11.4	(9.7-13.4)	545	10.6	(8.2-13.6)	745	12.3	(9.9-15.1)
Northeast	1,454	13.5	(11.8-15.5)	594	13.3	(10.7-16.4)	860	13.7	(11.5-16.3)
Central	672	15.7	(13.0-18.8)	279	16.7	(12.6-21.9)	393	14.8	(11.6-18.8)
West	1,443	13.1	(11.3-15.3)	621	11.8	(9.4-14.7)	822	14.5	(11.8-17.7)
American Indian Counties	393	15.7	(12.1-20.1)	157	13.6	(8.6-20.7)	236	17.6	(12.8-23.6)
<b>Household Income</b>									
Less than \$15,000	582	31.1	(26.9-35.6)	194	30.6	(23.9-38.3)	388	31.4	(26.4-37.0)
\$15,000-\$19,999	455	24.6	(20.1-29.8)	155	24.5	(17.8-32.6)	300	24.7	(19.0-31.6)
\$20,000-\$24,999	597	17.6	(14.4-21.4)	257	18.1	(13.5-23.8)	340	17.2	(13.0-22.3)
\$25,000-\$34,999	838	10.9	(8.7-13.5)	354	11.5	(8.4-15.6)	484	10.3	(7.5-14.0)
\$35,000-\$49,999	927	7.7	(6.0-9.8)	420	7.4	(5.1-10.7)	507	8.0	(5.8-11.0)
\$50,000-\$74,999	753	5.4	(3.8-7.5)	355	6.4	(4.0-10.1)	398	4.1	(2.6-6.5)
\$75,000+	567	4.1	(2.7-6.2)	316	5.0	(3.0-8.1)	251	2.8	(1.4-5.5)
<b>Education</b>									
Less than High School	551	30.8	(26.4-35.5)	257	31.1	(25.0-38.0)	294	30.4	(24.6-37.0)
High School or G.E.D.	1,761	15.3	(13.6-17.2)	766	13.6	(11.3-16.3)	995	17.0	(14.6-19.7)
Some Post-High School	1,527	10.5	(8.9-12.4)	571	8.7	(6.5-11.6)	956	12.0	(9.7-14.7)
College Graduate	1,395	6.2	(4.9-7.8)	595	6.8	(4.8-9.5)	800	5.6	(4.2-7.5)

**Table 4 (continued)**  
**Respondents Who Reported Fair or Poor Health Status, 2003**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Employment Status</b>									
Employed for Wages	2,761	6.8	(5.8-8.0)	1,152	6.5	(5.1-8.4)	1,609	7.1	(5.8-8.8)
Self-employed	658	9.2	(7.1-11.9)	445	9.8	(7.2-13.2)	213	7.7	(4.6-12.7)
Unemployed	113	13.1	(8.2-20.4)	*	*	*	*	*	*
Homemaker	253	15.8	(11.0-22.1)	*	*	*	*	*	*
Retired	1,242	29.6	(26.9-32.4)	453	31.1	(26.7-35.9)	789	28.4	(25.1-32.0)
Unable to Work	122	75.8	(65.4-83.9)	*	*	*	*	*	*
<b>Marital Status</b>									
Married/Unmarried Couple	3,122	11.7	(10.6-13.0)	1,395	11.6	(10.0-13.5)	1,727	11.8	(10.2-13.7)
Divorced/Separated	694	18.4	(15.4-21.8)	275	18.2	(13.9-23.6)	419	18.5	(14.6-23.2)
Widowed	716	28.6	(25.1-32.4)	120	35.4	(26.5-45.5)	596	27.2	(23.5-31.3)
Never Married	716	8.3	(6.2-11.1)	405	9.7	(6.7-13.9)	311	6.0	(3.8-9.3)

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2003

Note: \*Results based on sample sizes less than 100 have been suppressed.

### National Statistics

There is no national map due to insufficient state data.

### Further Analysis

Following are data illustrating the percent of those with fair or poor health for various health behaviors and conditions. For example, 10.2 percent of respondents who engage in leisure time exercise report fair or poor health, while 23.2 percent of respondents who do not engage in leisure time exercise report fair or poor health.

<b>Table 5</b> <b>Fair or Poor Health Status for Selected Health Behaviors and Conditions, 2003</b>			
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Fair/Poor Health</b>	<b>95% CI</b>
Obese	1,219	18.9	16.6-21.5
Overweight	3,128	14.3	13.0-15.7
Not Overweight	1,912	10.8	9.3-12.5
No Leisure Time Physical Activity	1,275	23.2	20.7-26.0
Leisure Time Physical Activity	3,975	10.2	9.2-11.3
No Moderate Physical Activity	2,839	16.8	15.3-18.3
Moderate Physical Activity	2,252	8.3	7.0-9.7
No Vigorous Physical Activity	4,192	15.6	14.4-16.9
Vigorous Physical Activity	978	3.5	2.4-5.2
Not Doing Anything to Control Weight	1,421	15.4	13.5-17.5
Trying to Lose or Maintain Weight	3,822	12.0	10.9-13.3
Less Than Five Servings of Fruits and Vegetables	4,189	12.2	11.1-13.3
At Least Five Servings of Fruits and Vegetables	1,063	16.5	14.2-19.2
Current Smoker	1,141	14.6	12.4-17.1
Former Smoker	1,445	17.9	15.9-20.2
Never Smoked	2,659	10.0	8.8-11.3
Smokeless Tobacco Use	290	10.7	7.6-14.8
No Smokeless Tobacco Use	4,876	13.0	12.0-14.0
Drank Alcohol in Past 30 Days	3,017	8.0	7.0-9.1
No Alcohol in Past 30 Days	2,221	20.8	18.9-22.8
Binge Drinker	796	6.0	4.4-8.2
Not a Binge Drinker	4,427	14.6	13.5-15.8

<b>Table 5 (continued)</b>			
<b>Fair or Poor Health Status for Selected Health Behaviors and Conditions, 2003</b>			
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Fair/Poor Health</b>	<b>95% CI</b>
Heavy Drinker	196	9.1	5.6-14.3
Not a Heavy Drinker	5,025	13.2	12.2-14.3
Hypertension	1,556	25.6	23.1-28.2
No Hypertension	3,689	8.9	7.9-10.0
High Blood Cholesterol	1,392	22.5	20.2-25.1
No High Blood Cholesterol	2,705	11.3	10.1-12.7
No Mammogram within Past Two Years (40+)	492	18.8	15.3-23.0
Mammogram within Past Two Years (40+)	1,689	17.3	15.4-19.4
Insufficient Cervical Cancer Screening	318	14.8	11.0-19.7
Sufficient Cervical Cancer Screening	1,910	10.1	8.6-11.8
No Health Insurance (18-64)	367	11.8	8.7-15.9
Health Insurance (18-64)	3,377	8.6	7.6-9.8
Employer Based Health Insurance Coverage (18-64)	2,368	6.4	5.4-7.6
Private Plan (18-64)	511	6.3	4.1-9.4
Medicaid or Medical Assistance (18-64)	118	22.2	14.6-32.3
The Military, CHAMPUS, TriCare, or the VA (18-64)	131	15.0	9.5-22.9
Indian Health Service (18-64)	145	24.6	16.8-34.6
No Flu Shot (65+)	323	24.5	19.6-30.1
Flu Shot (65+)	1,068	30.1	27.2-33.3
No Pneumonia Shot (65+)	497	21.7	17.8-26.1
Pneumonia Shot (65+)	870	32.8	29.5-36.4
Diabetes	452	44.2	39.0-49.5
No Diabetes	4,798	10.6	9.7-11.6
Current Asthma	369	25.6	20.4-31.5
Former Asthma	143	14.8	9.1-23.1
Never Had Asthma	4,724	11.9	10.9-13.0
Arthritis	1,773	26.4	24.2-28.8
No Arthritis	3,441	7.5	6.5-8.6
Arthritis - Activities Limited	833	39.5	35.7-43.4
No Arthritis - Activities Limited	4,372	8.8	7.9-9.8
Disability - Activities Limited	1,121	39.8	36.4-43.2
No Disability - Activities Limited	4,095	6.7	5.9-7.6
Disability with Special Equipment Needed	370	53.2	47.0-59.3
No Disability with Special Equipment Needed	4,850	10.5	9.6-11.5
Injured in a Fall (45+)	176	35.1	27.7-43.2
Not Injured in a Fall (45+)	3,053	18.2	16.8-19.8
Sunburn in Past 12 Months	2,000	7.4	6.2-8.7
No Sunburn in Past 12 Months	3,232	17.5	16.1-19.1
Military Veteran	862	16.3	13.9-19.1
Not a Military Veteran	4,345	12.2	11.1-13.3

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2003